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763	OBALTT 4 1		Applic	cation Number		10/8026	673
TRANSMITTAL			Filing	Date		03-17-2	2004
F	FORM			Named Inventor	r	Bryan F	P. Prucher
(Since used for all correspondence after initial filing)		Group	Art Unit		To be a	ssigned	
<u> </u>	- This			iner Name		To be a	ssigned
Total Number of Pages in This Submission			Attorn	ey Docket Numb	per	9539-0	00054/CPA
		ENCLO	SURES	(check all that app	ply)		
Fee Transmittal For	m		ment Pap Application			After Grou	r Allowance Communication to up
Fee Attached	,	☐ Drawin	g(s)				eal Communication to Board of eals and Interferences
Amendment / Resp	onse	Licensi	ng-relate	d Papers			eal Communication to Group eal Notice, Brief, Reply Brief)
After Final		Petition	١			Prop	rietary Information
Affidavits/decla	ration(s)		to Conv onal App			State	us Letter
Extension of Time F	Request			ey, Revocation espondence Addre	ess		er Enclosure(s) ise identify below):
Express Abandonm	Express Abandonment Request		rminal Disclaimer quest for Refund				Form 1449; return receipt postcard
☐ Information Disclos	ure Statement	CD, Nu	imber of CD(s)				
Certified Copy of Priority		Rema	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1. to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.				
Response to Missin] Silver is cholos			
Response to Missing Parts under 37 CFR 1.52 or 1.53							
	SIGNA	TURE OF A	APPLIC	ANT, ATTORNE	EY, OR	AGEN]	
Firm or Individual name	Firm or Harness, Dickey & Pierce, P.L.C			orney Name chael D. Zalobsky			Reg. No. 45,512
Signature V			X				
Date April <u>('3</u> , 2004							
	C	ERTIFICAT	E OF N	AILING/TRANS	SMISSI	ON	
	r of the U.S. Pate	ent and Trac	demark (Office, P.O. Box	1450, A		as express mail in an envelope a, VA 22313-1450, or facsimile
Typed or printed name	Michael D. Za	lobsky			Expres Label	ss Mail No.	EV 406 076 768 US
Signature	Signature V			7	Date		April <u>(%</u> , 2004

PATENT

NITHE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/802673

Filing Date:

03-17-2004

Applicant:

Bryan P. Prucher

Group Art Unit:

To be assigned

Examiner:

To be assigned

Title:

INPUT PINION AND METHOD OF MANUFACTURING

AN INPUT PINION

Attorney Docket:

9539-000054/CPA

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A.____ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cross-referenced pending U.S. application listed below in Section IV, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Filing Date

09/930,611

08-15-2001

	C Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.
	D This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))
III.	CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)
	A Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).
,	B A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):
	 See the attached foreign patent office communication from a counterpart foreign application. English translations are provided. Other:
	CThe following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A.____The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

V. THIS IDS IS BEING FILED UNDER

A ⊠ 37 C.F.R. § 1.97(b):	(check only one box)
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- 1. Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required. 2. ____ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required. before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p). 4. ____ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required. B. ____37 C.F.R. § 1.97(c): (check only one box) before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution. 1. ____No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- C. ____37 C.F.R. § 1.97(d):

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. ____See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

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2. ____See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box) The undersigned hereby certifies that: A. ____ each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII. if applicable; or B. no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application. and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)). C. ____Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS. VII. STATEMENT UNDER 37 CFR 1.704(d) The undersigned hereby states that: each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS. VIII. PAYMENT OF FEES (check only one box) A. ____ A check in the amount of \$180.00 is enclosed for the above-identified fee. B. ____Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

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The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Michael D. Zalobsky Reg. No. 45,512

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

MDZ/cr



PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET NO.	SERIAL NO.		
9539-000054/CPA	10/802673		
APPLICANT			
Bryan P. Prucher			
FILING DATE	GROUP		
3/17/2004	Unknown		

U.S. P	U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date	
1.		6,041,640	03-28-00	McInerney, et al			
2.		5,806,373	09-15-1998	Parker			
3.		5,718,774	02-17-1998	Tukamoto, et al			
4.		5,527,400	06-18-1996	Smith, et al			
5.		5,516,376	05-14-1996	Tsukamoto, et al			
6.	-	5,390,414	02-21-1995	Lisowsky			
7.		5,360,963	11-01-1994	Storm, et al			
8.		4,856,166	08-15-1989	Miwa			
9.		RE. 27,126	05-25-1971	Gingery			
10.		4,006,993	02-09-1997	Woerlee			
11.		5,070,745	12-12-1991	Lindsey, et al			
12.		5,503,494	04-02-1996	Kamata, et al			
. 13.		5,655,987	08-12-1997	Bowerman, et al			
14.		5,896,776	04-27-1999	Handa, et al			
15.		5,829,911	11-1998	Yokota, et al			
16.		3,394,610	07-1968	Szodfridt			
17.		3,792,625	02-1994	Asberg			
18.		4,983,797	01-1991	McAllister, et al			
19.		5,056,213	10-1991	Behnke, et al			
20.		5,070,745	12-1991	Lindsey, et al			
21.		6,210,299	04-2001	Yoshioka, Jun			

Examiner:	Date Considered:

FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 2 of 2

ATTORNEY DOCKET NO.	SERIAL NO.		
9539-000054/CPA 10/802673			
APPLICANT			
Bryan P. Prucher			
FILING DATE	GROUP	_	
3/17/2004	Unknown		

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.		US-2002/0134182	09-2002	Schleuder, et al		

FORE	FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translatio Yes	n No
1.		WO/8804743	06-30-1998	WIPO			
2.		1350995	04-24-1974	Great Britain			
3.		DE 2017709	11-1971	Germany			
4.		JP 60-84472	05-1985	Japan			
5.		JP 06-117518	04-1994	Japan			

OTHE	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)					
Ref. Desig.	Examiner's Initials					
1.		Kirby, 06/1993, "Shrink Bonding Makes Joints Stronger", pages 35-37				
2.		Michalec, 6/1966, "Fastening Gears", pages 139-143				

Examiner:	Date Considered: